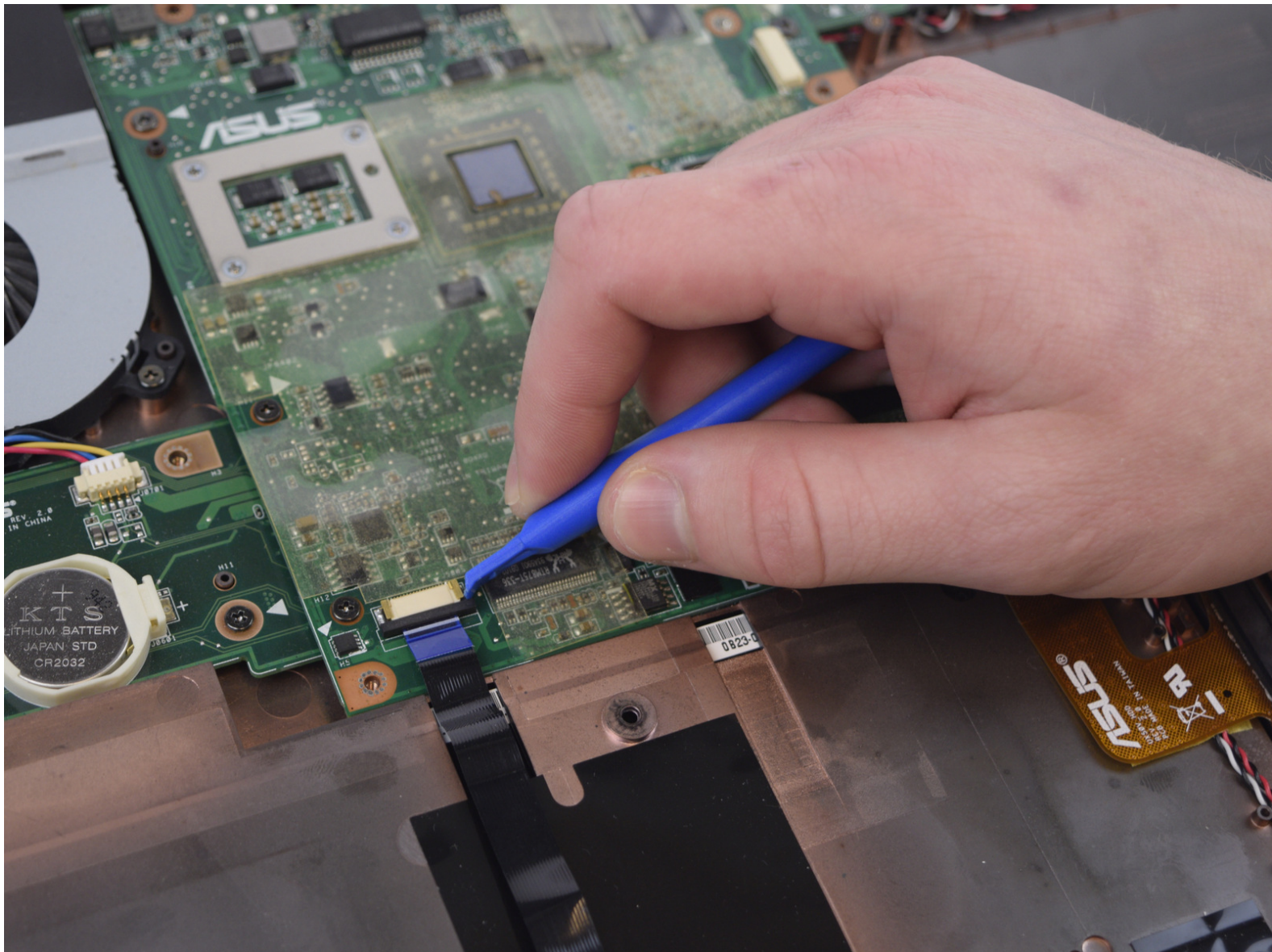




ASUS UX50V-RX05 Motherboard Replacement

This guide will show you how to replace your Motherboard in the Asus UX50V-RX05.

Written By: James

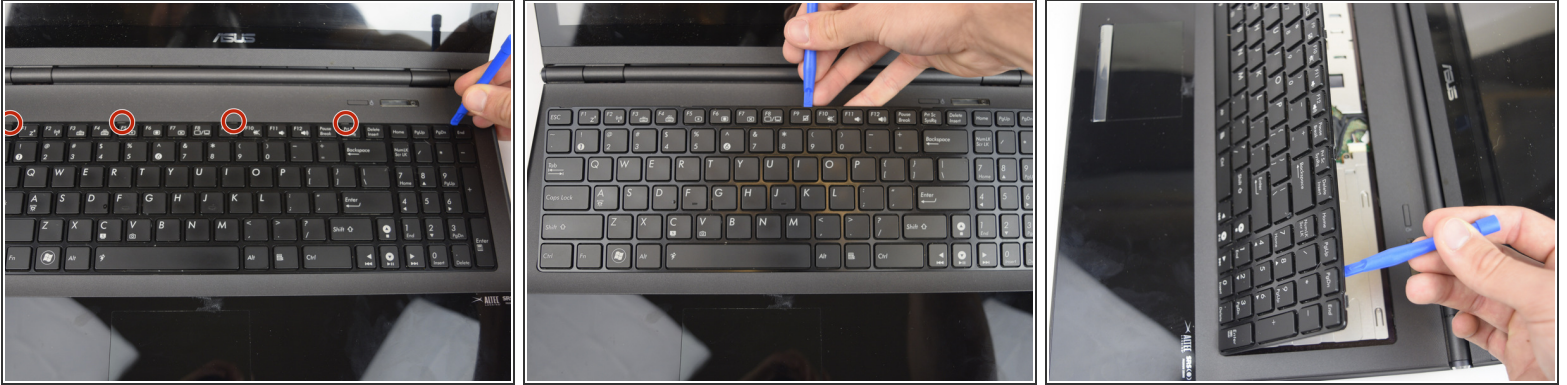




TOOLS:

- [iFixit Opening Tools](#) (1)
 - [T6 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Pro Tech Toolkit](#) (1)
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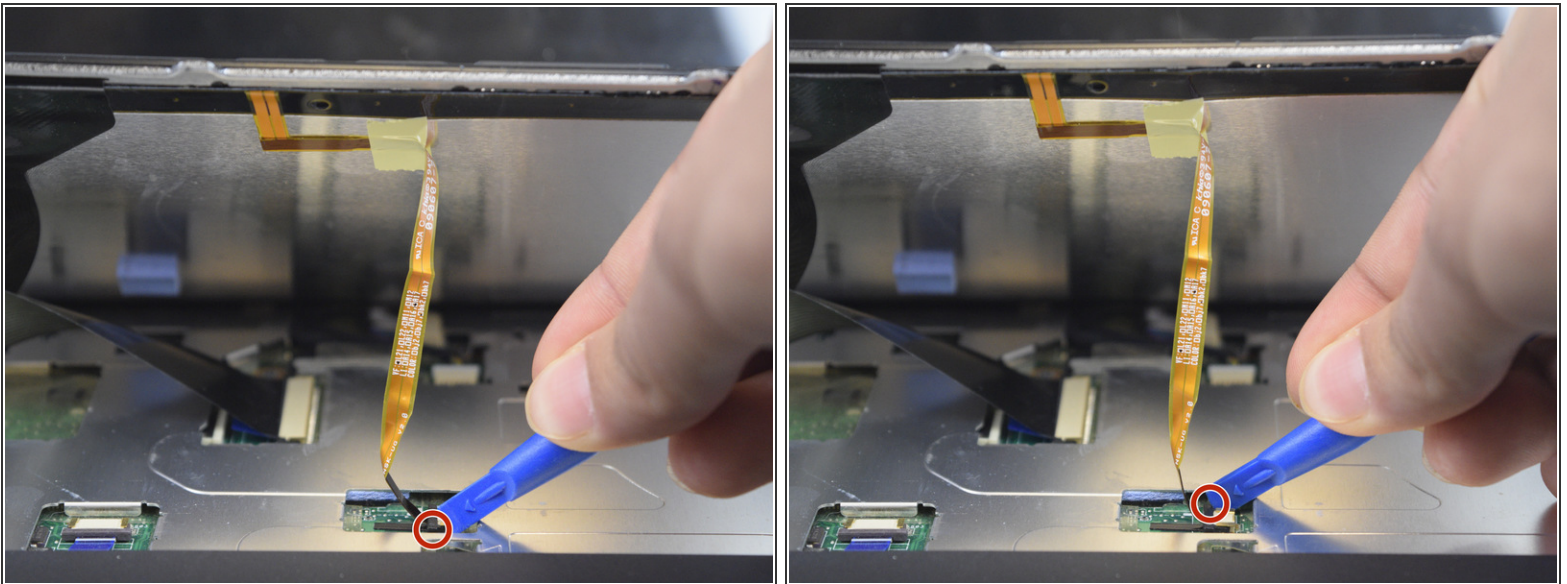
Step 1 — Keyboard



 Make sure the device is powered off before beginning.

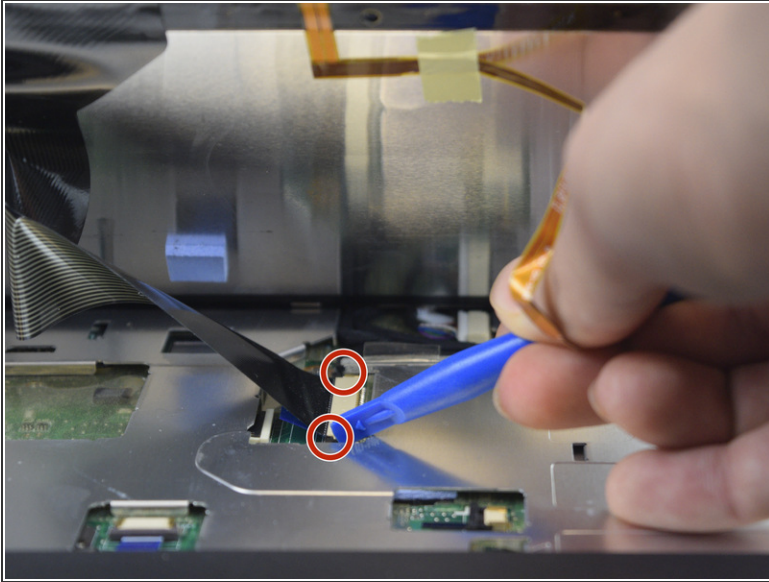
- Use the Plastic Opening tool to pry the five slots up at the top of the keyboard.

Step 2



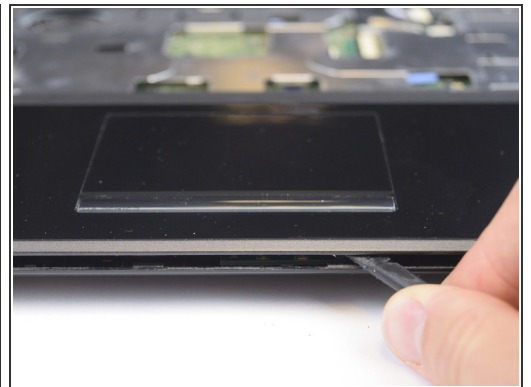
- Lift the keyboard slowly but not all of the way out.
- Use the Plastic Opening tool to open the two black clips on each side of the connecting cords, (LCD flex cable and flex band).
- After pushing each end of the clips out, towards the entering cable, you can then pull out the cable.

Step 3



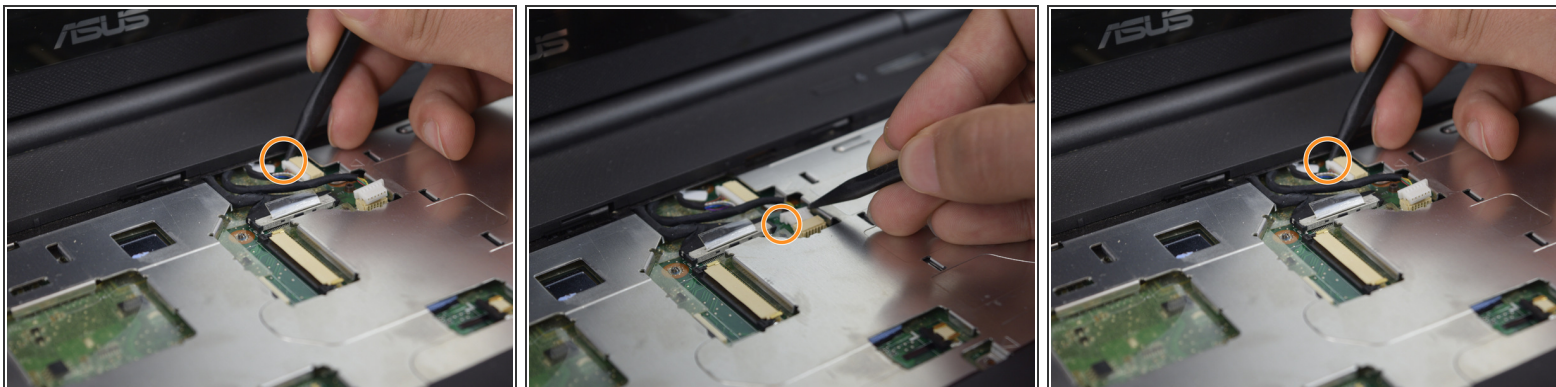
- Push out each end of the black clip with a plastic opening tool or nylon spudger to remove the ribbon cable.

Step 4 — Case Removal



- Remove the 13 Phillips 4mm head size 5 mm long screws from the back of the laptop.
- Once the keyboard has been removed, use the spudger tool to pry around the edge of the laptop until it frees.

Step 5



- Use the spudger tool to unplug the two cords from the body by pushing on the tabs on the side of each plug towards the cable.

Step 6



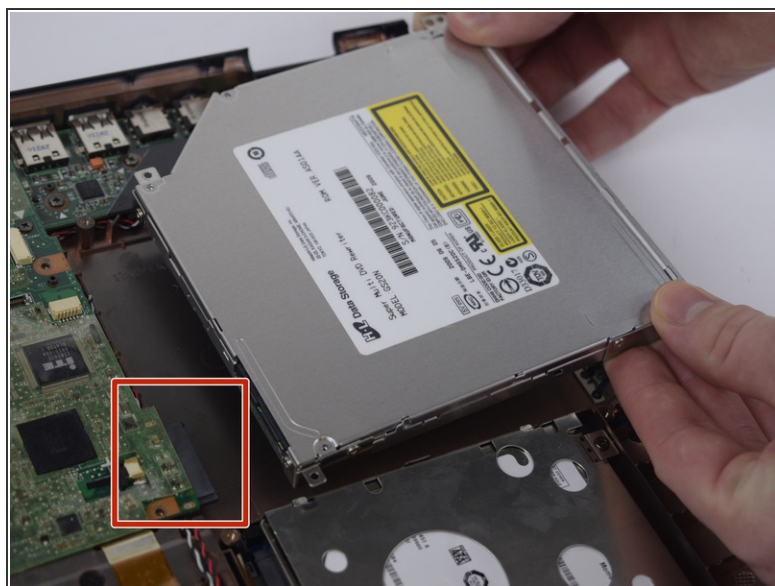
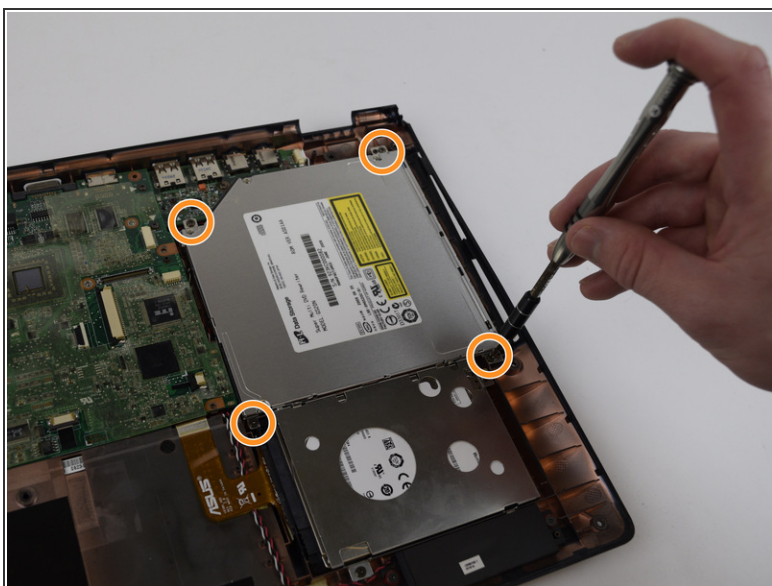
- Now that those two cords are unplugged, you can work on unplugging the black cord.
- Use either your fingers to pull up on the clear tab, or the spudger tool by pushing the two sides out, like the step before.

Step 7



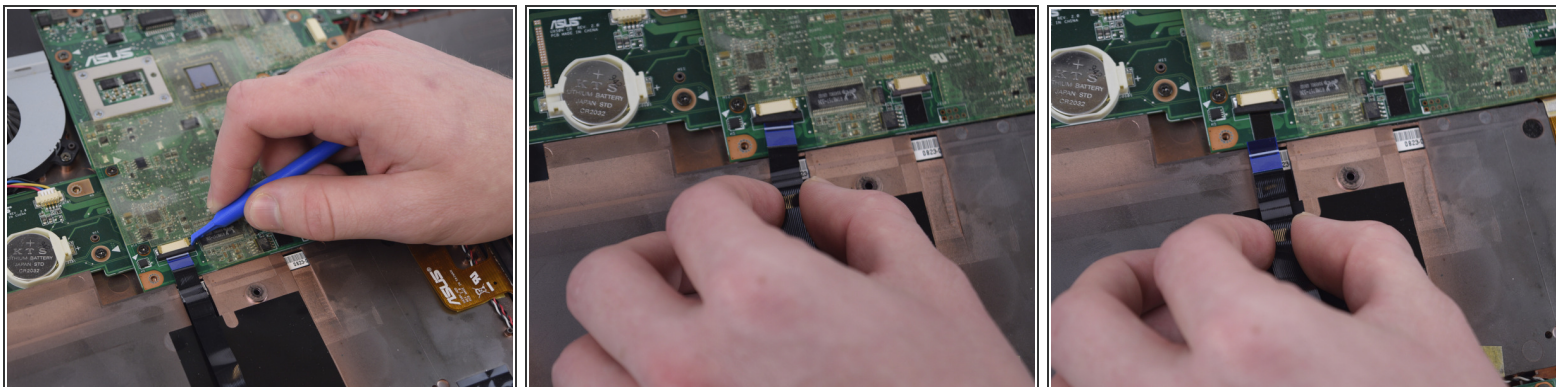
- Now slowly lift the plastic cover as to not accidentally damage something.

Step 8 — Optical Drive



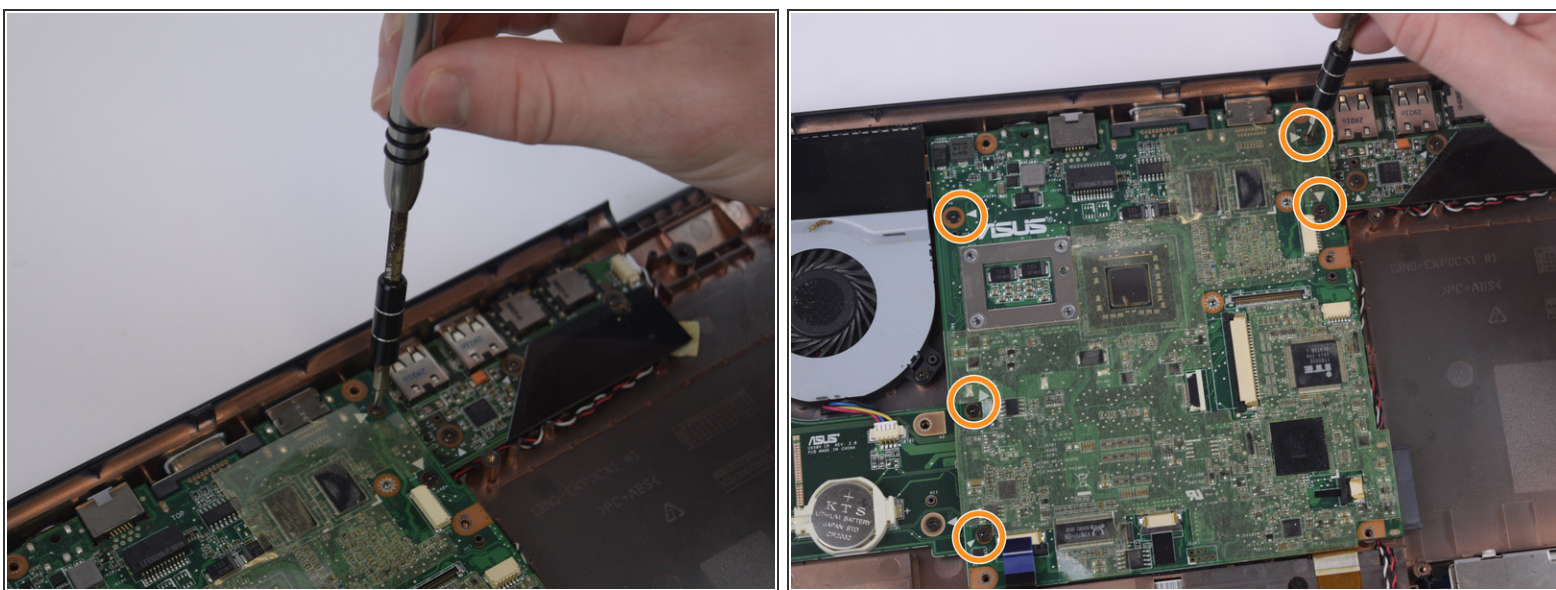
- Using the screwdriver with the JO bit, remove the four Phillips 4 mm head size 5 mm long screws from the Optical Drive.
- Remove the optical drive by pulling it out, and away, from the connector.

Step 9 — Motherboard



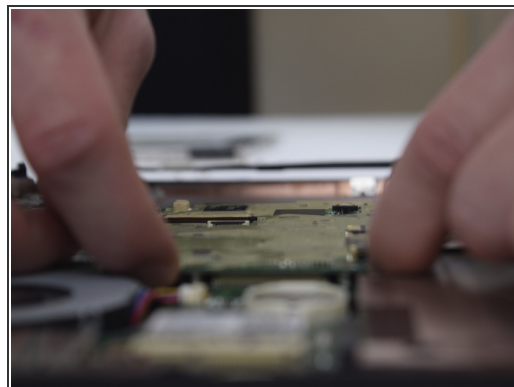
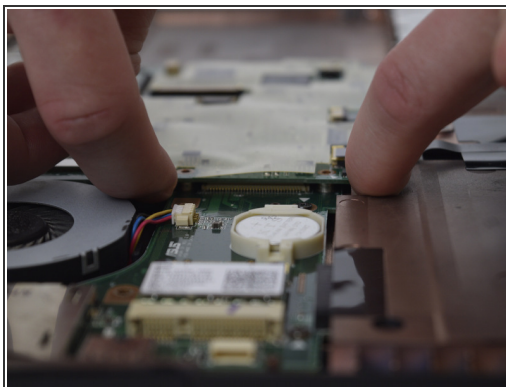
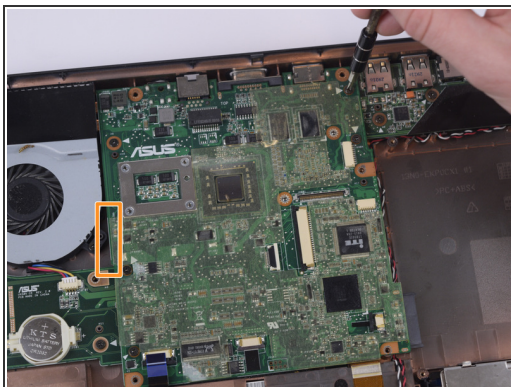
- Use the Plastic Opening Tool to unplug the blue cord on the Motherboard.

Step 10



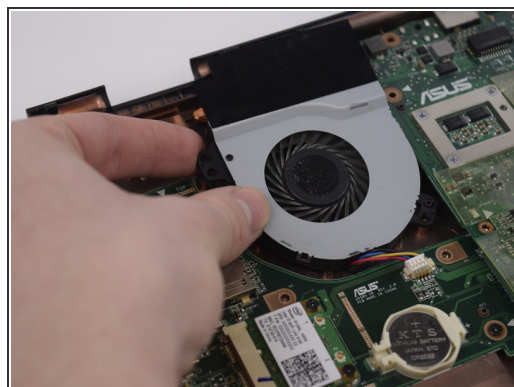
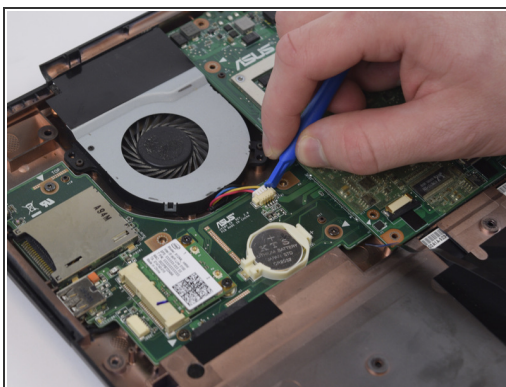
- Remove the five 4 mm Phillips head 5 mm long screws that have white arrows pointing to them with the screwdriver.

Step 11



- Lift the Motherboard with your fingers by reaching underneath the Motherboard and prying.

Step 12



- Remove the two 4 mm Phillips head 5 mm long screws from the fan using the screwdriver.
- Using the Spudger, carefully remove the white connector and lift the fan out of the casing.

Step 13



- Slowly lift the motherboard up towards you being careful as to not rip any cords out of the bottom.
- Using the Spudger, remove the connector towards the bottom of the motherboard.
- Remove the motherboard from the casing.

To reassemble your device, follow these instructions in reverse order.

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